

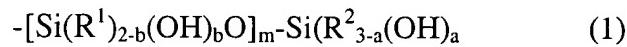
6. (Amended) The polymer according to Claim 1,
wherein the main chain is obtained by living radical polymerization.

~~10. (Amended) The polymer according to Claim 1
which is obtainable by carrying out the hydrosilylation reaction of a vinyl polymer
having an alkenyl group at one or more one termini thereof with a silicon compound having both
a silicon atom-bound hydrolyzable group and a hydrosilyl group
and then converting said hydrolyzable group to a silanol group by hydrolysis.~~

12. (Amended) A curable composition
which comprises a vinyl polymer having a silanol group at one or more termini thereof
according to Claim 1.

~~16. (Amended) The curable composition according to Claim 12
which comprises a polymer,
said polymer having a silicon atom-bound hydrolyzable group(s) and no silanol group.~~

21. (Amended) The method of producing according to Claim 19,
wherein the silanol group of the vinyl polymer (I) is represented by the general formula
(1):



wherein R¹ and R² are the same or different and each represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms or an aralkyl group containing 7 to 20 carbon atoms or a triorganosiloxy group represented by (R')₃SiO-, in which R' is a monovalent hydrocarbon group containing 1 to 20 carbon atoms and the three R' groups may be the same or different; when there are two or more R¹ or R² groups, they may be the same or different; a represents 0, 1, 2 or 3, b represents 0, 1 or 2, and m is an integer of 0 to 19, provided that the relation a + mb ≥ 1 should be satisfied.

23. (Amended) The method of producing according to Claim 19,
wherein the vinyl polymer (I) has a ratio (Mw/Mn) of weight average molecular weight (Mw) to a number average molecular weight (Mn) of less than 1.8 as determined by gel permeation chromatography.

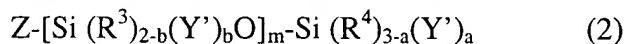
24. (Amended) The method of producing according to Claim 19,
wherein the vinyl polymer (I) has a main chain obtained by living radical polymerization.

28. (Amended) The method of producing according to Claim 19,

wherein the vinyl polymer (I) is obtainable by carrying out the hydrosilylation reaction of a vinyl polymer having an alkenyl group at one or more one termini thereof with a silicon compound having both a silicon atom-bound hydrolyzable group and a hydrosilyl group and then converting said hydrolyzable group to a silanol group by hydrolysis.

30. (Amended) The method of producing according to Claim 19,

wherein the silicon compound having two or more silicon atom-bound hydrolyzable groups is represented by the general formula (2):



wherein R³ and R⁴ are the same or different and each represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms, an aralkyl group containing 7 to 20 carbon atoms or a triorganosiloxy group represented by (R')₃SiO-, in which R' is a monovalent hydrocarbon group containing 1 to 20 carbon atoms and the three R' groups may be the same or different and, when there are two or more R³ or R⁴ groups, they may be the same or different, Y' represents a hydrolyzable group other than a hydroxyl group, Z represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms, an aralkyl group containing 7 to 20 carbon atoms, a triorganosiloxy group represented by (R')₃SiO-, in which R' is as defined above, or a hydrolyzable group other than a hydroxyl group, a represents 0, 1, 2 or 3, b represents 0, 1 or 2 and m is an integer of 0 to 19 provided that when Z is a hydrolyzable group, the relation a + mb ≥ 1 should be satisfied and, when Z is other than a hydrolyzable group, the relation a + mb ≥ 2 should be satisfied.

32. (Amended) The method of producing according to Claim 30, wherein, in general formula (2), m = 0.

33. (Amended) A vinyl polymer having a hydrolyzable silyl group at one or more termini thereof and obtainable by the method of producing according to Claim 19.

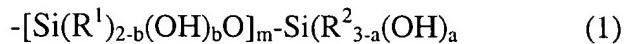
37. (Amended) The method of producing according to Claim 35,

wherein, the vinyl polymer (I) has a main chain obtained by polymerizing at least one monomer selected from the group consisting of (meth) acrylic monomers, acrylonitrile monomers, aromatic vinyl monomers, fluorine-containing vinyl monomers and silicon-containing vinyl monomers.

38. (Amended) The method of producing according to Claim 35,

wherein the silanol group of the vinyl polymer (I) is represented by the general formula

(1):



wherein R¹ and R² are the same or different and each represents an alkyl group containing 1 to 20 carbon atoms, an aryl group containing 6 to 20 carbon atoms or an aralkyl group containing 7 to 20 carbon atoms or a triorganosiloxy group represented by (R')₃SiO-, in which R' is a monovalent hydrocarbon group containing 1 to 20 carbon atoms and the three R' groups may be the same or different; when there are two or more R¹ or R² groups, they may be the same or different; a represents 0, 1, 2 or 3, b represents 0, 1 or 2, and m is an integer of 0 to 19, provided that the relation a + mb ≥ 1 should be satisfied.

40. (Amended) The method of producing according to Claim 35,

wherein the vinyl polymer (I) has a main chain obtained by living radical polymerization.

44. (Amended) The method of producing according to Claim 35,

wherein the vinyl polymer (I) is obtainable by carrying out the hydrosilylation reaction of a vinyl polymer having an alkenyl group at one or more one termini thereof with a silicon compound having both a silicon atom-bound hydrolyzable group and a hydrosilyl group and then converting said hydrolyzable group to a silanol group by hydrolysis.

46. (Amended) A vinyl polymer having an acrylic functional group at one or more termini thereof and obtainable by the method of producing according to Claim 35.

48. (Amended) A curable composition

which comprises the vinyl polymer having an acrylic functional group at one or more termini thereof according to Claim 46.

53. (Amended) The curable composition according to Claim 48

which comprises a radical-polymerizable group-containing monomer and/or oligomer.

54. (Amended) The curable composition according to Claim 48

which comprises an anion-polymerizable group-containing monomer and/or oligomer.

55. (Amended) The curable composition according to Claim 53,

wherein the radical- or anion-polymerizable group is an acrylic functional group.

REMARKS